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HIGHLIGHTS OF PHILADELPHIA-WILMINGTON-ATLANTIC CITY, PA-NJ-DE-MD NATIONAL COMPENSATION SURVEY DECEMBER 2001

Workers in the Philadelphia metropolitan area averaged \$20.47 per hour during December 2001, according to a new survey released by the U.S. Department of Labor's Bureau of Labor Statistics (BLS). Regional Commissioner Sheila Watkins reported that white-collar workers averaged \$24.52 per hour and accounted for 60 percent of the workers in the area. Blue-collar employees averaged \$16.79 per hour and represented 19 percent of the workforce, while the remaining 21 percent worked in service occupations and earned \$12.27 per hour. (See table 1.)

The National Compensation Survey (NCS) presents straight-time earnings for occupations in establishments employing 50 or more workers in private industry and State and local governments. The survey excludes agricultural establishments, private households, the self-employed, and the Federal Government. This NCS covered 369 firms representing 1,313,900 workers in the Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD metropolitan area, which includes Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania; Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem Counties in New Jersey; New Castle County in Delaware; and Cecil County in Maryland. Seventy-nine percent of those represented worked in private industry.

In the Philadelphia metropolitan area, average hourly wages were published for 115 detailed occupations. (See table 1.) Among white-collar workers, computer systems analysts and scientists averaged \$32.28 per hour; registered nurses, \$26.34; and secretaries, \$17.04. Blue-collar occupations included electricians earning \$20.11 per hour, truck drivers at \$14.71, and stock handlers and baggers at \$11.20. In the service occupations, correctional institution officers averaged \$16.44 per hour; nursing aides, orderlies and attendants, \$11.41; and janitors and cleaners, \$11.00.

The NCS also provides broad coverage of selected occupational characteristics. (See tables 2 and 3.) For example, full-time employees in the Philadelphia metropolitan area averaged \$21.43 per hour and part-timers earned \$11.81. Union workers in blue-collar jobs averaged \$18.34 per hour, while their nonunion counterparts made \$14.78. Private industry workers at establishments employing 50-99 workers averaged \$14.98 per hour and those in establishments with 500 or more employees earned \$23.50.

The NCS is part of a statistical program that will eventually integrate three separate surveys of wages and benefits into one comprehensive compensation program increasing the amount of data available. Data provided by the NCS may be used by businesses for establishing pay plans, making decisions concerning plant relocation, and in collective bargaining negotiations. Individuals may use such data to help choose potential careers. Average rates of pay are also available for levels of work within an occupation based on knowledge, skill, independent judgment, supervision received and other factors required on the job.

Survey Availability

Complete survey results are contained in the Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD National Compensation Survey December 2001 (Bulletin 3115-08). While supplies last, single copies of the bulletin are available from the Philadelphia Information Office by calling (215) 597-3282. In addition, data contained in the bulletin are available on the Internet in both text and PDF formats at <http://www.bls.gov/ncs/home.htm>. Select survey tables can also be obtained from the Bureau's fax-on-demand service in Philadelphia by dialing (215) 597-4153 and requesting documents 9790, 9791, 9792, 9793, and 9794.

For personal assistance or further information on the National Compensation Survey, as well as other Bureau programs, contact the Philadelphia Information Office at (215) 597-3282 from 8:30 a.m. to 12:00 p.m. and 1:00 to 3:30 p.m. ET.

Table 1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, December 2001

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
All	\$20.47	3.0	\$19.83	3.8	\$23.20	3.1
All excluding sales	20.79	3.1	20.17	4.0	23.25	3.1
White collar	24.52	3.7	24.05	4.5	26.56	3.9
White collar excluding sales	25.66	3.8	25.39	4.8	26.68	3.9
Professional specialty and technical	30.78	5.3	30.26	6.8	32.53	4.6
Professional specialty	33.54	5.5	33.62	7.4	33.34	4.6
Engineers, architects, and surveyors	34.02	3.6	34.95	3.6	—	—
Electrical and electronic engineers	35.53	4.8	35.53	4.8	—	—
Mechanical engineers	31.34	6.5	31.34	6.5	—	—
Engineers, n.e.c.	33.01	6.9	33.55	7.0	—	—
Mathematical and computer scientists	39.77	11.6	39.77	11.6	—	—
Computer systems analysts and scientists	32.28	5.9	32.28	5.9	—	—
Natural scientists	36.52	6.5	36.94	6.7	—	—
Biological and life scientists	31.75	6.9	—	—	—	—
Health related	27.18	3.8	26.82	3.9	33.69	14.2
Physicians	28.72	25.4	28.68	27.3	—	—
Registered nurses	26.34	1.9	25.98	1.5	33.09	14.0
Pharmacists	34.62	3.4	34.62	3.4	—	—
Respiratory therapists	21.45	6.7	21.45	6.7	—	—
Physical therapists	30.58	12.5	—	—	—	—
Teachers, college and university	68.79	25.3	82.73	25.6	42.72	6.2
Other post-secondary teachers	82.99	24.1	—	—	42.82	5.2
Teachers, except college and university	33.86	5.2	22.84	5.9	35.47	5.4
Elementary school teachers	37.16	3.5	21.25	6.1	38.26	3.6
Secondary school teachers	38.55	4.9	28.26	13.1	39.50	5.3
Teachers, special education	32.72	7.2	—	—	33.56	7.8
Teachers, n.e.c.	23.22	8.0	21.03	10.2	28.07	12.1
Vocational and educational counselors	25.68	19.6	—	—	—	—
Librarians, archivists, and curators	29.83	16.6	22.96	4.6	—	—
Librarians	30.52	16.6	—	—	—	—
Social scientists and urban planners	26.48	5.4	24.80	2.6	—	—
Psychologists	26.17	5.4	—	—	—	—
Social, recreation, and religious workers	19.31	5.4	17.22	7.5	21.74	4.0
Social workers	19.14	6.2	16.81	7.4	22.36	4.5
Lawyers and judges	54.63	20.3	58.52	21.1	—	—
Lawyers	54.63	20.3	58.52	21.1	—	—
Writers, authors, entertainers, athletes, and professionals, n.e.c.	26.86	11.9	27.44	13.2	—	—
Public relations specialists	30.82	14.7	—	—	—	—
Technical	21.84	7.8	22.04	8.2	18.21	7.2
Clinical laboratory technologists and technicians	16.39	5.6	16.39	5.6	—	—
Radiological technicians	22.89	5.0	22.89	5.0	—	—
Licensed practical nurses	19.29	4.0	19.30	4.2	—	—
Health technologists and technicians, n.e.c.	14.61	15.2	14.66	15.4	—	—
Electrical and electronic technicians	24.35	7.7	24.35	7.7	—	—
Engineering technicians, n.e.c.	22.80	8.5	24.72	7.6	—	—
Chemical technicians	20.40	6.0	20.40	6.0	—	—
Computer programmers	27.35	7.5	27.34	8.1	—	—
Technical and related, n.e.c.	21.41	28.0	24.14	31.9	—	—
Executive, administrative, and managerial	31.60	5.0	31.92	5.8	30.15	7.4
Executives, administrators, and managers	37.57	6.1	38.50	7.1	33.93	8.2
Administrators and officials, public administration	28.51	5.8	—	—	28.51	5.8
Financial managers	34.80	10.2	—	—	—	—
Managers, marketing, advertising, and public relations	55.43	6.9	55.91	6.6	—	—
Administrators, education and related fields	36.88	11.2	—	—	38.93	11.8
Managers, medicine and health	34.53	6.9	34.78	7.2	—	—
Managers, food servicing and lodging establishments	24.86	14.6	21.80	14.2	—	—
Managers and administrators, n.e.c.	35.89	7.4	35.89	7.4	—	—
Management related	23.32	8.1	23.35	9.5	23.14	7.3
Accountants and auditors	21.48	10.0	21.40	12.2	—	—
Management analysts	34.11	7.7	—	—	—	—

See footnotes at end of table.

Table 1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, December 2001 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
White collar —Continued						
Executive, administrative, and managerial —Continued						
Management related —Continued						
Personnel, training, and labor relations specialists	\$25.95	9.4	\$25.52	11.0	—	—
Purchasing agents and buyers, n.e.c.	25.16	8.1	25.16	8.1	—	—
Management related, n.e.c.	20.67	18.7	20.76	20.6	—	—
Sales	16.24	8.0	16.29	8.1	\$11.60	4.6
Supervisors, sales	29.91	11.7	29.91	11.7	—	—
Sales, other business services	15.49	3.0	15.49	3.0	—	—
Sales representatives, mining, manufacturing, and wholesale	37.05	14.9	37.05	14.9	—	—
Sales workers, other commodities	10.67	15.8	10.67	15.8	—	—
Cashiers	10.33	4.2	10.27	4.4	11.60	4.6
Administrative support, including clerical	14.95	1.6	14.97	1.9	14.83	3.2
Supervisors, general office	19.14	12.3	19.14	12.3	—	—
Computer operators	15.98	5.2	15.98	5.2	—	—
Secretaries	17.04	2.7	17.01	3.2	17.13	5.2
Typists	13.24	5.2	—	—	13.48	3.8
Hotel clerks	10.72	5.0	10.72	5.0	—	—
Receptionists	13.68	6.3	13.83	6.5	—	—
Information clerks, n.e.c.	14.09	13.3	14.09	13.5	—	—
Order clerks	18.79	9.0	18.79	9.0	—	—
Library clerks	12.13	6.9	11.32	3.1	12.42	8.9
File clerks	9.74	4.6	—	—	—	—
Records clerks, n.e.c.	15.08	10.1	—	—	—	—
Bookkeepers, accounting and auditing clerks	13.21	3.3	13.18	3.5	13.53	6.9
Payroll and timekeeping clerks	14.23	4.9	14.23	4.9	—	—
Telephone operators	16.06	6.0	16.28	5.9	—	—
Mail clerks, except postal service	11.72	5.3	11.15	2.3	—	—
Traffic, shipping and receiving clerks	13.78	10.8	13.78	10.8	—	—
Stock and inventory clerks	12.66	7.5	12.68	8.1	—	—
Investigators and adjusters, except insurance	14.36	3.7	14.25	3.7	—	—
General office clerks	14.96	4.8	15.09	6.6	14.77	6.8
Data entry keyers	11.22	5.8	11.22	5.8	—	—
Teachers' aides	11.51	9.1	12.41	9.7	11.39	10.2
Administrative support, n.e.c.	14.07	5.4	13.23	8.8	14.57	6.3
Blue collar	16.79	2.9	16.69	3.2	17.61	2.9
Precision production, craft, and repair	20.61	3.1	20.86	3.5	19.09	3.5
Supervisors, mechanics and repairers	25.54	6.9	26.34	6.8	—	—
Bus, truck, and stationary engine mechanics	20.18	3.9	—	—	—	—
Industrial machinery repairers	20.78	6.2	20.78	6.2	—	—
Electronic repairers, communications and industrial equipment	23.46	3.7	23.46	3.7	—	—
Mechanics and repairers, n.e.c.	18.68	4.7	18.84	5.2	—	—
Electricians	20.11	7.8	20.64	9.4	—	—
Supervisors, production	23.58	8.5	23.58	8.5	—	—
Electrical and electronic equipment assemblers ..	12.84	16.4	12.84	16.4	—	—
Inspectors, testers, and graders	19.63	8.5	19.63	8.5	—	—
Machine operators, assemblers, and inspectors	14.70	6.5	14.69	6.5	—	—
Textile sewing machine operators	8.76	4.6	8.76	4.6	—	—
Mixing and blending machine operators	19.16	8.2	19.16	8.2	—	—
Miscellaneous machine operators, n.e.c.	13.60	11.8	13.60	11.8	—	—
Assemblers	15.35	15.5	15.35	15.5	—	—
Transportation and material moving	16.00	5.4	15.70	6.5	17.46	4.5
Truck drivers	14.71	10.1	14.41	11.6	—	—
Bus drivers	16.78	9.3	—	—	—	—
Industrial truck and tractor equipment operators ..	16.07	10.9	16.07	10.9	—	—

See footnotes at end of table.

Table 1. Mean hourly earnings,¹ all workers:² Selected occupations, private industry and State and local government, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, December 2001 — Continued

Occupation ³	Total		Private industry		State and local government	
	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)	Mean	Relative error ⁴ (percent)
Blue collar —Continued						
Handlers, equipment cleaners, helpers, and laborers	\$13.59	4.0	\$13.25	4.7	\$15.59	4.5
Groundskeepers and gardeners, except farm	12.21	8.7	11.72	10.2	—	—
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	18.02	10.4	—	—	—	—
Production helpers	11.40	19.1	11.40	19.1	—	—
Stock handlers and baggers	11.20	7.5	11.20	7.5	—	—
Freight, stock, and material handlers, n.e.c.	16.57	7.9	16.57	7.9	—	—
Hand packers and packagers	11.48	6.4	11.48	6.4	—	—
Laborers, except construction, n.e.c.	14.04	6.9	13.22	8.6	—	—
Service						
Protective service	12.27	3.1	9.85	2.8	18.79	3.6
Supervisors, police and detectives	19.22	5.8	11.11	7.7	21.97	3.1
Supervisors, guards	27.89	5.0	—	—	28.58	4.7
Police and detectives, public service	25.38	9.4	—	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	23.26	2.2	—	—	23.26	2.2
Correctional institution officers	18.80	2.3	—	—	18.80	2.3
Guards and police, except public service	16.44	9.1	—	—	17.61	7.9
Food service	10.23	5.8	9.78	3.6	—	—
Waiters, waitresses, and bartenders	7.88	5.2	7.39	5.1	13.14	6.6
Bartenders	4.81	10.0	4.81	10.0	—	—
Waiters and waitresses	4.22	28.6	4.22	28.6	—	—
Waiters'/Waitresses' assistants	4.30	11.5	4.30	11.5	—	—
Other food service	6.51	17.3	6.51	17.3	—	—
Cooks	9.61	5.0	9.06	5.0	13.14	6.6
Food counter, fountain, and related	11.14	4.2	10.98	4.4	—	—
Kitchen workers, food preparation	7.35	11.7	7.01	10.4	—	—
Food preparation, n.e.c.	10.65	5.0	9.82	3.4	—	—
Health service	8.98	7.7	8.12	6.0	13.65	9.9
Health aides, except nursing	11.54	3.0	10.88	1.9	14.92	8.6
Nursing aides, orderlies and attendants	11.90	5.1	11.45	3.2	—	—
Cleaning and building service	11.41	3.5	10.67	1.9	14.84	9.2
Maids and housemen	10.64	4.2	10.00	4.5	13.15	4.7
Janitors and cleaners	9.75	3.6	9.75	3.6	—	—
Personal service	11.00	5.8	10.10	6.9	13.15	4.7
Supervisors, personal service	12.92	6.9	13.05	7.4	11.44	14.1
Attendants, amusement, and recreation facilities	22.03	6.0	22.03	6.0	—	—
Welfare service aides	6.97	4.2	6.97	4.2	—	—
Early childhood teachers' assistants	10.91	9.0	9.70	3.9	—	—
Child care workers, n.e.c.	9.64	6.2	9.64	6.2	—	—
Service, n.e.c.	10.29	5.5	10.54	5.6	—	—
	10.03	8.9	10.24	9.6	—	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria, and n.e.c. means "not elsewhere classified." Overall occupational groups may include data for categories not shown separately.

Table 2. **Selected worker characteristics: Mean hourly earnings¹ by occupational group,² National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, December 2001**

Occupational group	Private industry and State and local government					
	Full-time workers ³	Part-time workers ³	Union ⁴	Nonunion ⁴	Time ⁵	Incentive ⁵
	Mean					
All occupations	\$21.43	\$11.81	\$20.44	\$20.48	\$20.45	\$21.04
All excluding sales	21.60	12.54	20.62	20.88	20.83	18.50
White collar	25.44	14.98	26.14	24.11	24.57	22.83
White-collar excluding sales	26.18	18.35	27.09	25.27	25.68	—
Professional specialty and technical	31.46	22.02	33.45	29.89	30.78	—
Professional specialty	34.27	23.72	33.27	33.64	33.54	—
Technical	22.24	17.40	34.70	19.91	21.84	—
Executive, administrative, and managerial	31.74	—	32.83	31.48	31.65	—
Sales	18.78	8.41	13.11	16.64	14.40	23.30
Administrative support, including clerical	15.23	11.47	15.61	14.75	14.94	—
Blue collar	17.00	11.35	18.34	14.78	16.69	18.59
Precision production, craft, and repair	20.67	15.13	21.44	18.85	20.61	20.70
Machine operators, assemblers, and inspectors	14.72	—	15.11	14.27	14.85	—
Transportation and material moving	16.35	11.83	18.01	13.83	15.46	19.94
Handlers, equipment cleaners, helpers, and laborers	13.87	10.36	15.17	12.15	13.53	—
Service	13.41	7.84	15.69	9.41	12.27	—
	Relative error ⁶ (percent)					
All occupations	3.1	5.1	2.9	4.3	3.1	7.7
All excluding sales	3.2	5.7	2.9	4.5	3.2	8.1
White collar	3.7	6.2	4.3	4.5	3.8	10.1
White-collar excluding sales	3.9	6.2	4.3	4.8	3.8	—
Professional specialty and technical	5.4	6.5	5.1	7.0	5.3	—
Professional specialty	5.6	8.7	4.2	7.4	5.5	—
Technical	8.3	5.0	28.5	6.0	7.8	—
Executive, administrative, and managerial	5.1	—	12.3	5.3	5.0	—
Sales	7.9	3.1	6.5	8.8	9.7	10.7
Administrative support, including clerical	1.7	3.8	2.9	1.9	1.6	—
Blue collar	2.9	6.3	3.6	4.3	3.0	8.9
Precision production, craft, and repair	3.2	24.1	3.8	3.8	3.3	8.3
Machine operators, assemblers, and inspectors	6.5	—	9.3	9.0	6.5	—
Transportation and material moving	5.4	7.6	3.7	8.5	5.9	6.0
Handlers, equipment cleaners, helpers, and laborers	4.1	11.3	5.1	5.7	4.1	—
Service	3.2	4.5	4.3	3.1	3.1	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy.

³ Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

⁴ Union workers are those whose wages are determined through collective bargaining.

⁵ Time workers' wages are based solely on an hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

⁶ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. **Establishment employment size: Mean hourly earnings¹ by occupational group,² private industry, National Compensation Survey, Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, December 2001**

Occupational group	Full-time and part-time workers				
	All private industry workers	50 - 99 workers ³	100 workers or more		
			Total	100 - 499 workers	500 workers or more
	Mean				
All occupations	\$19.83	\$14.98	\$20.74	\$18.37	\$23.50
All excluding sales	20.17	14.71	21.16	18.65	23.95
White collar	24.05	18.77	24.66	22.24	27.00
White-collar excluding sales	25.39	19.34	25.97	23.63	28.01
Professional specialty and technical	30.26	22.53	30.68	28.09	32.41
Professional specialty	33.62	24.00	34.12	32.57	35.09
Technical	22.04	—	22.20	18.53	25.12
Executive, administrative, and managerial	31.92	33.89	31.76	31.85	31.69
Sales	16.29	17.28	16.05	15.94	16.29
Administrative support, including clerical	14.97	13.67	15.19	14.73	15.81
Blue collar	16.69	16.99	16.60	14.77	21.28
Precision production, craft, and repair	20.86	19.47	21.32	19.47	23.49
Machine operators, assemblers, and inspectors	14.69	16.95	14.40	12.43	20.24
Transportation and material moving	15.70	16.79	15.08	14.94	15.85
Handlers, equipment cleaners, helpers, and laborers	13.25	12.33	13.47	12.96	16.64
Service	9.85	7.47	10.64	9.58	11.60
	Relative error ⁴ (percent)				
All occupations	3.8	5.7	4.2	6.7	5.0
All excluding sales	4.0	5.9	4.3	7.1	5.1
White collar	4.5	6.0	4.8	8.3	5.6
White-collar excluding sales	4.8	7.1	5.0	8.9	5.8
Professional specialty and technical	6.8	9.9	7.0	13.5	8.3
Professional specialty	7.4	11.1	7.6	13.6	9.4
Technical	8.2	—	8.6	10.7	11.1
Executive, administrative, and managerial	5.8	11.6	6.2	11.7	6.1
Sales	8.1	16.8	9.2	13.5	8.4
Administrative support, including clerical	1.9	4.5	2.1	2.9	3.0
Blue collar	3.2	5.0	4.0	5.0	4.1
Precision production, craft, and repair	3.5	9.3	3.6	3.9	4.6
Machine operators, assemblers, and inspectors	6.5	4.9	7.1	7.0	4.9
Transportation and material moving	6.5	3.3	10.4	12.3	9.0
Handlers, equipment cleaners, helpers, and laborers	4.7	9.4	5.3	6.1	5.8
Service	2.8	8.4	2.9	3.6	4.1

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² A classification system including about 480 individual occupations is used to cover all workers in the civilian economy.

³ Establishments classified with 50-99 workers may contain

establishments with fewer than 50 due to staff reductions between survey sampling and collection.

⁴ The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.